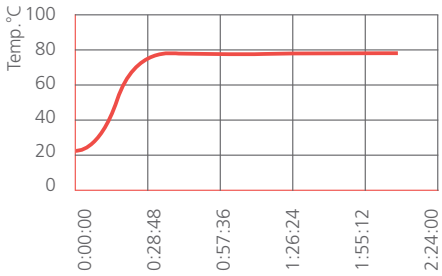
# Alloy-Bead Heating Bath

## Features

- High strength aluminum alloy bead with high thermal conductivity over wide temperature range.
- Flexible, convenient, easy to operate and adaptable to reaction vessels with different shapes and sizes.
- Accommodate the external temperature probe on the hotplate magnetic stirrer to achieve precise temperature control.
- The alloy bead does not adhere to the container inside surface, while the silicone oil is difficult to clean in the oil bath application.
- Eco-friendly, pollution free, poison free, fume free, highly safe and splash free heating.
- PTFE shell can effectively retain the heat and ensure human safety from burning injuries.
- The beads are easy to handle with. The contaminated portion can be cleaned and replaced separately.

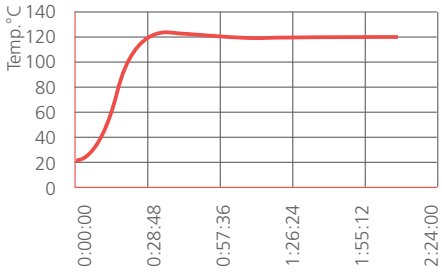

**250ml water heated up to 80°C**

(MS-H-ProA )




**250ml silicone oil heated up to 120°C**

(MS-H-ProA)




New Coming

## Tips for temperature control

- We recommend to use the beads with DLAB 340, 550 and 280 series hotplate magnetic stirrers.
- Place the external temperature sensor in the hole on the heating bath and ensure that the probe is submerged within 1/2~1/3 of the depth of the bead bath for accurate sample temperature control.
- Keep the heating temperature below 260°C.